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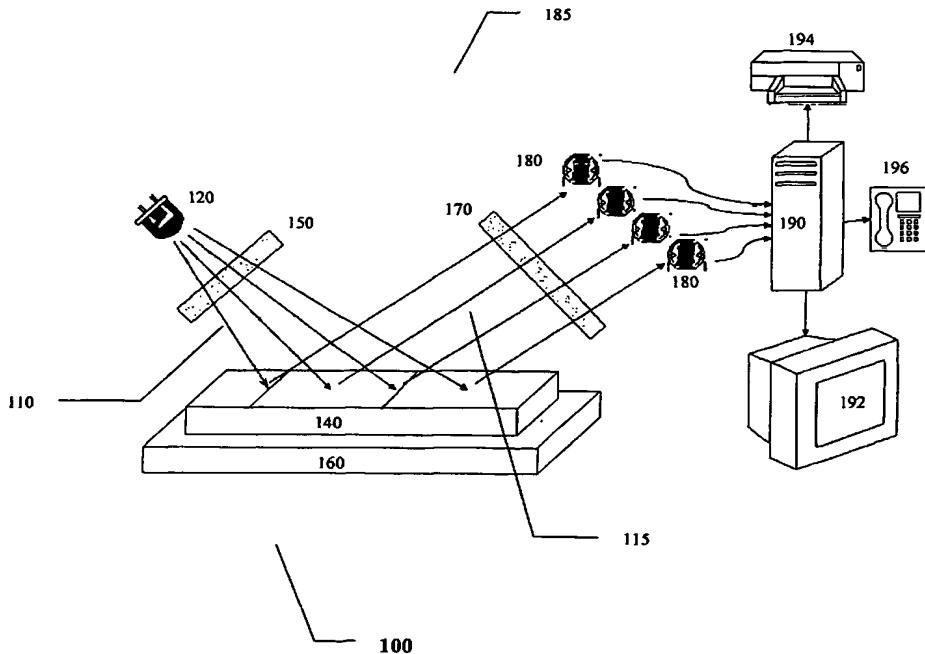
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52 521 Ramat Gan (IL).(81) Designated States (national): AE, AG, AL, AM, AT (util-
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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR FLUORESCENCE DETECTION



(57) Abstract: A system and method for detecting fluorescence in a sample (140). Where an efficient light source (120) projects light onto said sample, and where fluorescence in said sample is detected by a photodetector (180).

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL02/01040

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01T 1/00
 US CL : 250/373,343,304; 73/23.161.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 250/373,343,304; 73/23.161.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3,814,939 A (PARKER et al.) 04 June 1974 (04.06.1974), columns 2-4.	1
A		2-39

 Further documents are listed in the continuation of Box C.

See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

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Continuation of Item 4 of the first sheet:
Examiner observes that the title is not concise.

NEW TITLE:

System and method for fluorescence detection.